

ABSTRACT AND BIOGRAPHY

Case Studies – Key Component of Knowledge Sharing

The need to leverage the experience gained (both successful and less than successful) has never been more important to NASA as major new robotic and manned space flight initiatives loom large in our future. Knowledge sharing is often founded on well written, high value lessons learned from NASA's robotic and human spaceflight missions. Lessons and related case study work play a significant role in retention of historical knowledge and serve to bridge across generations especially as many older employees retire. NASA needs to continue to document specific major operational lessons learned in such a way that the lessons learned can serve as a source to facilitate training for the next generation of space workers. We have unparalleled access to data not only with NASA but from other Government Agencies and scientific databases. This session will emphasize the importance of timely preparation and submission of high quality lessons learned and case studies, sources of information for creation, submission, archival, and identification of best practices for broad discovery of the material once made available for use. The session will also include some thought on OCE's consideration for adding an annual data call to all NASA centers to develop approximately 10 additional cases per year specifically focused on, but not limited to, human space flight knowledge sharing and professional development.

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Mr. Bell is the Manager of the Advanced Planning and Analysis Division in the Office of the Chief Engineer at NASA Headquarters. Among Mr. Bell's responsibilities are NASA's Lessons Learned program, the NASA Engineering Network, Inventions and Contributions Board, and Technical Standards. Mr. Bell is also responsible for oversight of a number of cross cutting technology initiatives including support of the agency's technology investment architecture and strategy.

Mr. Bell is a PMI Certified Project Management Professional.